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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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| 09/820,964 | 03/30/2001 | Lev Brouk | GRCN001/02US | 3907 |

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| EXAMINER |
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LEE, PHILIP C

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| ART UNIT | PAPER NUMBER |
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2154

DATE MAILED: 02/09/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/820,964

Applicant(s)

BROUK ET AL.

Examiner

Philip C Lee

Art Unit

2154

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 3/30/2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-16 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-16 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 4/18/02, 5/13/04.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

1. Claims 1-16 are presented for examination.
2. It is noted that although the present application does contain line numbers in the specification and claims, the line numbers in the claims do not correspond to the preferred format. The preferred format is to number each line of every claim, with each claim beginning with line 1. For ease of reference by both the Examiner and Applicant all future correspondence should include the recommended line numbering.
3. The specification is objected to because of the following informalities and grammar errors, page 4, line 20, "interchange network 150" [i.e. no interchange network 150 in fig. 1].
Appropriate correction is required.

Claim Rejections – 35 USC 112

4. Claims 1-9 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.
 - a. Claim language in the following claims is not clearly understood:

- i. As per claim 1, line 3 and claim 9, line 3, try to avoid using terms ending in “able” because these terms lead to uncertainty of whether anything actually occurs (or result).

Claim Rejections – 35 USC 102

5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

6. The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000. Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

7. Claims 1-14 are rejected under 35 U.S.C. 102(e) as being anticipated by Zombek et al, U.S. Patent 6,704,768 (hereinafter Zombek).

8. As per claims 1 and 9, Zombek taught the invention as claimed comprising:

associating an identifier with an entity that has been authenticated by a message routing network, said identifier capable of being associated with an account upon authentication of said entity with a first service that supports said account (col. 21, lines 32-53; col. 22, lines 23-29);

receiving, from a second service, a message including said identifier that is directed to a mapped service (col. 20, lines 47-52; col. 21, lines 6-13); and

translating said message for delivery to said first service (col. 32, lines 46-50), said translated message including said identifier (col. 20, lines 47-52) and being directed from said mapped service to said first service (col. 22, lines 22-29).

9. As per claim 10, Zombek taught the invention as claimed comprising:

a message routing network that enables routing of a message between a first service and a second service, said message being associated with an account being supported by said second service, wherein said message routing network is operative to effect a virtual service through which said first service and said second service communicate, wherein implementation of said virtual service is supported by a mapping that associates said virtual service with said account (col. 22, lines 51-61).

10. As per claim 2, Zombek taught the invention as claimed in claim 1 above. Zombek further taught wherein said identifier is a message routing network ID (col. 22, lines 26-29).

11. As per claim 3, Zombek taught the invention as claimed in claim 2 above. Zombek further taught wherein said identifier is a message routing network ID for said mapped service (col. 22, lines 26-29).

12. As per claim 4, Zombek taught the invention as claimed in claim 1 above. Zombek further taught comprising the step of associating said identifier with an account upon authentication of said entity with said first service (col. 14, lines 66-col. 15, lines 1).

13. As per claim 5, Zombek taught the invention as claimed in claim 1 above. Zombek further taught wherein said translating comprises adding an identifier of said account to said message (col. 15, lines 26-33).

14. As per claim 11, Zombek taught the invention as claimed in claim 10 above. Zombek further taught wherein said message includes an identifier that is associated with said account (col. 20, lines 47-52; col. 21, lines 6-13).

15. As per claims 6, 12 and 14, Zombek taught the invention as claimed in claims 1 and 10 above. Zombek further taught wherein upon receipt of said translated message, said first service

associates said identifier with said account based on a mapping internal to said first service (col. 22, lines 26-29, 51-59).

16. As per claim 7, Zombek taught the invention as claimed in claim 1 above. Zombek further taught comprising receiving a second message from said first service, said second message being directed to said mapped service (col. 24, lines 49-56).

17. As per claim 8, Zombek taught the invention as claimed in claim 7 above. Zombek further taught comprising translating said second message for delivery to said second service (col. 32, lines 66-col. 33, lines 2).

18. As per claim 13, Zombek taught the invention as claimed in claim 12 above. Zombek further taught wherein said message routing network adds an identifier of said account to a message being delivered to said second service (col. 15, lines 26-33).

Claim Rejections – 35 USC 103

19. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

20. Claims 15-16 are rejected under 35 U.S.C. 103(a) as being unpatentable over Zombek in view of Garcia et al, U.S. Patent 6,470,357 (hereinafter Garcia).

21. As per claim 15, Zombek taught the invention substantially as claimed comprising:
providing a proxy service for messages transferred between a first application service provider and a second application service provider in a message routing network (col. 31, lines 65-col. 32, lines 9), said first application service provider and said second application service provider providing application services for an enterprise, said proxy service enabling said first application service provider to send information on behalf of said enterprise to said second application service provider (col. 32, lines 32-45).

22. Zombek did not teach sending information without having knowledge of the sender and the receiver. Garcia taught a proxy service enabling said first application service provider to send information on behalf of said enterprise to said second application service provider without said first application service provider and said second application service provider having knowledge of each other (col. 1, lines 35-42).

23. It would have been obvious to one of ordinary skill in the art at the time the invention was made to combine the teachings of Zombek and Garcia because Garcia's method of sending message without sending application and receiving application having knowledge of each other

would increase the efficiency of Zombek's system by allowing application to avoid the time consuming task of tracking which application is performing which function (col. 1, lines 44-53).

24. As per claim 16, Zombek and Garcia taught the invention substantially as claimed as in claim 15 above. Zombek further taught wherein said proxy service adds an account identifier to a message that is transmitted to said second application service provider (col. 15, lines 26-33).

CONCLUSION

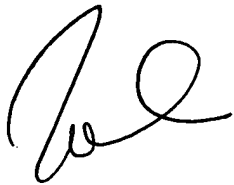
25. A shortened statutory period for reply to this Office action is set to expire THREE MONTHS from the mailing date of this action.

26. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Philip C Lee whose telephone number is (703)305-7721. The examiner can normally be reached on 8 AM TO 5:30 PM Monday to Thursday and every other Friday.

27. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Follansbee can be reached on (703)305-8498. The fax phone number for the organization where this application or proceeding is assigned is (703)872-9306.

28. Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703)350-6121.

P.L.

 John Follansbee